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## SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:  
EP 21 88 11 19

Classification of the application (IPC):  
C12N 5/0775, A61K 35/28

Technical fields searched (IPC):  
C12N, A61K

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X	<b>JOHNSTONE BRIAN H. ET AL:</b> "Identification and characterization of a large source of primary mesenchymal stem cells tightly adhered to bone surfaces of human vertebral body marrow cavities" <i>CYTOTHERAPY</i> GB 30 August 2020 (2020-08-30), vol. 22, no. 11, pages 617-628, ISSN: 1465-3249, XP055932776 * pages 3, 5; figures 2(A), 5 *	1-3, 6-8, 10, 12, 14
Y	<b>JOHNSTONE BRIAN H. ET AL:</b> "Identification and characterization of a large source of primary mesenchymal stem cells tightly adhered to bone surfaces of human vertebral body marrow cavities" <i>CYTOTHERAPY</i> GB 30 August 2020 (2020-08-30), vol. 22, no. 11, pages 617-628, ISSN: 1465-3249, XP055932776 * pages 3, 5; figures 2(A), 5 *	4, 5, 9, 11, 13, 15
E	WO 2022140296 A1 (OSSIMUM HEALTH INC [US]) 30 June 2022 (2022-06-30) * pages 13-36, paragraphs 0056-0059, 0065, 0071, 0072, 0074, 0091 *	1-15
Y	<b>BREITE A G ET AL:</b> "Characterization and Functional Assessment of Class I (C1) Collagenases and the Synergistic Degradation of Native Collagen in Enzyme Mixtures Containing Class II (C2) Collagenase" <i>TRANSPLANTATION PROCEEDINGS</i> , 15 November 2011 (2011-11-15), vol. 43, no. 9, DOI: 10.1016/J.TRANSPROCEED.2011.09.059, ISSN: 0041-1345, pages 3171-3175, XP028113530 * abstract *	4
Y	CN 110777114 A (SHENZHEN CITY LANSI ARTIFICIAL INTELLIGENCE MEDICINE RES INSTITUTE ET) 11 February 2020 (2020-02-11) * page 2, paragraphs 0011, 0013 *	5
Y	<b>GHANEIALVAR HORI ET AL:</b> "Characterization and Classification of Mesenchymal Stem Cells in Several Species Using Surface Markers for Cell Therapy Purposes" <i>INDIAN JOURNAL OF CLINICAL BIOCHEMISTRY, SPRINGER PRIVATE LTD, IN</i> , 10 February 2017 (2017-02-10), vol. 33, no. 1, DOI: 10.1007/S12291-017-0641-X, ISSN: 0970-1915, pages 46-52, XP036413160 * pages 49-51; figures 2,3,4 *	9

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search The Hague	Date of completion of the search 31 October 2024	Examiner Heiduschat, Carola
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### CATEGORY OF CITED DOCUMENTS

X: particularly relevant if taken alone	P: intermediate document
Y: particularly relevant if combined with another document of the same category	T: theory or principle underlying the invention
A: technological background	E: earlier patent document, but published on, or after the filing date
O: non-written disclosure	D: document cited in the application
& : member of the same patent family, corresponding document	L: document cited for other reasons

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Y	<p><b>HALFON SVETLANA ET AL:</b> "Markers distinguishing mesenchymal stem cells from fibroblasts are downregulated with passaging" <i>STEM CELLS AND DEVELOPMENT</i>, MARY ANN LIEBERT, INC, NEW ROCHELLE, NY, US, 01 January 2011 (2011-01-01), vol. 20, no. 1, ISSN: 1557-8534, pages 53-66, XP009150670</p> <p>* page 61; table 5 *</p>	11, 15
Y	<p><b>ZHAN XIAO-SHU ET AL:</b> "A Comparative Study of Biological Characteristics and Transcriptome Profiles of Mesenchymal Stem Cells from Different Canine Tissues" <i>INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES</i> Basel, CH</p> <p>25 March 2019 (2019-03-25), vol. 20, no. 6, page 1485 URL: <a href="https://www.mdpi.com/1422-0067/20/6/1485/pdf">https://www.mdpi.com/1422-0067/20/6/1485/pdf</a>, ISSN: 1422-0067 [retrieved on 18 October 2024 (2024-10-18)] XP093216311</p> <p>* page 3; figure 2 *</p>	13

The supplementary search report has been based on the last set of claims valid and available at the start of the search.

Place of search The Hague	Date of completion of the search 31 October 2024	Examiner Heiduschat, Carola
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## ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on 31-10-2024  
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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO2022140296	A1	30-06-2022	NONE	
CN 110777114	A	11-02-2020	NONE	